OOK

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494830

Serial No. 1st and final SBR NO:- 80/19-20 D: 19/03/2020

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency ..... Sri A.S. Mani @ M/s. S.S Road developers

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	NAME OF WORK :- improvement and Asphalting to Roads at thindlu, and surroundings areas in ward no.09 (vidyaranyapura) vidyaranyapura sub division.						
	WORK ORDER NO :- EE/BTP/BBMP/E-PRM7/21(3710 4)/NO/205/2019-20 dated 18-02-2020						
	JOB CODE :- 009-20-000007,						
	EST COST :- 35.00 Lakhs.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw up to 2m and average lift up to 0.5m.						
	Quantity vide E MB					359.19 Cum	
						~~485.19 Cum~~	✓
	Rate at Rs ~~704.90~~ 231.69/Cum						~~342010=00~~
							83221=00
Item 2	Removing and refixing of stone slab of drains and painting in cm(1:3)						
	Quantity vide E MB					2372.04 Sqm	✓
	Rate at Rs 105.74/Sqm						250820=00

18/03/20

Assistant Executive Engineer
Vidyaranyapura Sub Division
RRMD Bangalore-97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
Item-3	providing granite slab dressed having a size a cement mortar (1:6) in	
	Quantity	

AE-09
18/03/20

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		means in ordinary throw up to 2m	
		359.19 Cum	
		~~485.19 Cum~~	
~~704.90~~	231.69/Cum	~~342010=A~~	
		83221=A	
		slab of drains	
		2372.04 Sqm	
at Rs	105.74/Sqm	250820=A	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494831
~~494830~~

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
~~at-3~~	providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc.					485.19 Sqm	342010=A
	Quantity vide E of B						
	Rate at Rs 704.90						
	AE-09 18/03/20						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 4	providing and Laying position plain cement concrete of mix 1:4:8 with opc cement at 150 kgs. with 40mm and down size graded granite metal course						
	Quantity vide EMB					1.80 Cum	✓
	Rate at Rs 5137.71/Cum						9248=00
Item 5	providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1:6. edges of stone chisele						
	Quantity vide EMB					5.67 Cum	✓
	Rate at Rs 5521.38/Cum						31306=00

18/03/20

Assistant Executive Engineer
Vidyaranyapura Sub Division

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Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
Item 6	providing fulled pointing 2 masonry with cement mor king of joints to depth of 2 cost of materials.	
	Quantity vide E	

18/03/20

BOOK

s		Contents	Reference to last Measurement
dth	Depth 6	7	8
		cement concrete	
		g. with 40mm	
		al course	
		1.80 cum	✓
		7.71/cum	9248=00
		Trap/basalt	
		ith cement	
		5.67 cum	✓
		521.38/cum	31306=00

cutive Engineer
ra Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494837

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
18.03.20	providing fulled pointing 20mm deep to coursed stone masonry masonry with cement mortar 1:3 20mm deep, after raking out joints to depth of 20mm nicely lining. including cost of materials.						
	Quantity vide EMB					10.80 sqm	✓
	Rate at Rs 142.99/sqm						1544=00
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 7	providing precast slab of 250mm thick including cost of all materials, labour, cutting, transportation, loading unloading etc. complete as per specification & direction of engineer incharge of work						
	Quantity vide EMB					9.00 Sqm	✓
	Rate at Rs 5147.10/sqm						46324=00
Item 8	providing and constructing load bearing wall with solid concrete blocks of size 400 x 150 x 200 mm block density not less than 1800 kg/m³.					with laying	
	Quantity vide EMB					212.00 Sqm	✓
	Rate at Rs 930.47/sqm						197260=00

18/03/20

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
U-9	providing and laying in mix 1:2:4 with cement a size graded granite meta fine aggregate at B.A Spec	
	Quantity	

18/03/20

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		cluding cost of n loading unloading of engineer	
		9.00 Sqm	✓
	7.10/sqm		46324 = 00
	ng wall	with	
	00 mm	laving	
		212.00 Sqm	✓
	.47/sqm		197260 = 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

49918383

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
18-9	providing and laying in position plain cement concrete of mix 1:2:4 with cement at 240 kgs. with 20mm down size graded granite metal coarse aggrigate at 0.69 cums & fine aggrigate at 0.45 cum						
	Quantity vide E BB					31.43 cu	✓
	Rate at Rs 5459.95 cu						171606 = 00
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 10	providing granite slab of selected quality roughly dressed having a size of 10 cms. thick and fixed in cement mortar (1:6) including fixing curing etc						
	Quantity vide E MB					306.0 Sqm	✓
	Rate at Rs 918.38/Sqm						281024=0
Item 11	providing chamfering edges to stone slab 2.5 mm wide as per specification						
	Quantity vide E MB					850.0 Sqm	
	Rate at Rs 918.38/sqm						281024=0
	58.41						49649=00
	18/03/20						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
1-12	scarifying bitumin along with premix ca means without distrub the debries materials. inc charges. complete as pe
	Quan
	18/03/20

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
lity roughly dress ed in cement			
		306.00 Sqm	✓
8.38/Sqm			281024=00
ne Slab 2.5 mm			
		850.00 Sqm	
918.38/sqm			281024=00
58.41			49649=08

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494834

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
4-12	Scarifying bituminous course 50mm to 75mm thick along with premix carpet/surface dressing by manual means without disturbing the base and staking of the debries materials. including cost of all materials Labour Charges. complete as per specification						
	Quantity vide E MB					599.00 Sqm	✓
	Rate at Rs 90.63/sqm						54287=00
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 13	Wet mix macadam - providing, laying, spreading and compacting crushed stone aggregate of granite / trap basalt to wet mix macadam						
	Quantity vide EMB					137.77 cum	
	Rate at Rs 1901.22/cum						261931=00
Item 14	providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface						
	Quantity vide EMB					579.00 Sqm	
	Rate at Rs 34.24/Sqm						20510=00

18/03/20

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Item 15	providing and laying with crushed coarse a for base/binding cou F.E loader hot mixing -fication and direction o
	Qua

18/03/20

	Contents	Reference to last Measurement
	7	8
	ding and ete/ Trap	
	137.77 cum	261931=00
	um	
	.S bitumen ase Seeth urface	
	599.00 Sqm	
	/Sqm	20510=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494845

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Items	providing and laying bituminous macadam on prepared surface with crushed coarse aggregate as per design mix formula for base/ binding course including loading of aggregates with F.E loader hot mixing of stone aggregate complete as per specification and direction of engineer incharge of work						
	Quantity vide E.M.B					29.95cum	
	Rate at Rs 5273.66/cum						157940=00
	18/03/20						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 16	Cleaning of existing black topped surface with brooms soft brushes and finally dusting with old gunny bags and of compressed air to receive bitumen treatment including cost of all materials.						
	Quantity vide E MB					2995=00	15095=00
	Rate at Rs ~~14.10~~ 5.09/sqm						~~42230=00~~
Item 17	providing and applying tack coat using 80/100 grade bitumen (Kg 10) on the prepared black topped surface at 2.5 kg / 10 sqm						
	Quantity vide E MB					2995=00	sqm
	Rate at Rs 14.10/sqm						42230=00

18/03/20

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4-18	providing and la thick with hot mi of specifide gradi and filter. Transpo as per specificatio MRLC
	Quan

18/03/2

K

	Contents	Reference to last Measurement
epth 6	7	8
brooms soft bags. cond nt including		
	2995=00	15095=00
/sqm		42230=00
00 grade urface at 2.5		
	2995=00	sqm
10/sqm		42230=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

494830

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
24-18	providing and laying bituminous concrete 40mm thick with hot mix plant using crushed aggregates of specifide grading pre mixed with bituminous binder and filler. transporting the hot mix to work site complete as per specifications & directions of engineer incharge of work						
	Quantity vide E M 13					119.80 cum	
	Rate @ Rs 7516.25/cum						900447=00

18/03/25

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item 19	Road marking with hot Applide thermo plastic compound with reflecting glass base on bituminous surface, providing and laying hot applide thermoplastic compound of 2.5 mm thick surface including reflecting glass bead at 250gm per sqm area						
	Quantity vide E MB					119.80	
	Rate at Rs 432.0/sqm						51754=00
					SUB	TOTAL	2968212=00
					Add 12%	GST	356185=00
					TOTAL	BILL AMOUNT	3324397=00

18/03/20

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	CERTIFICATE:-

OK

Depth 6	Contents 7	Reference to last Measurement 8
...ork compound surface, provi... compound of glass base		
	119.80	
432.00	sqm	51754=00
SUB	TOTAL	2968212=00
12%	GST	356185=00
BILL	AMOUNT	3324397=00

...t Executive Engineer
...vapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494812

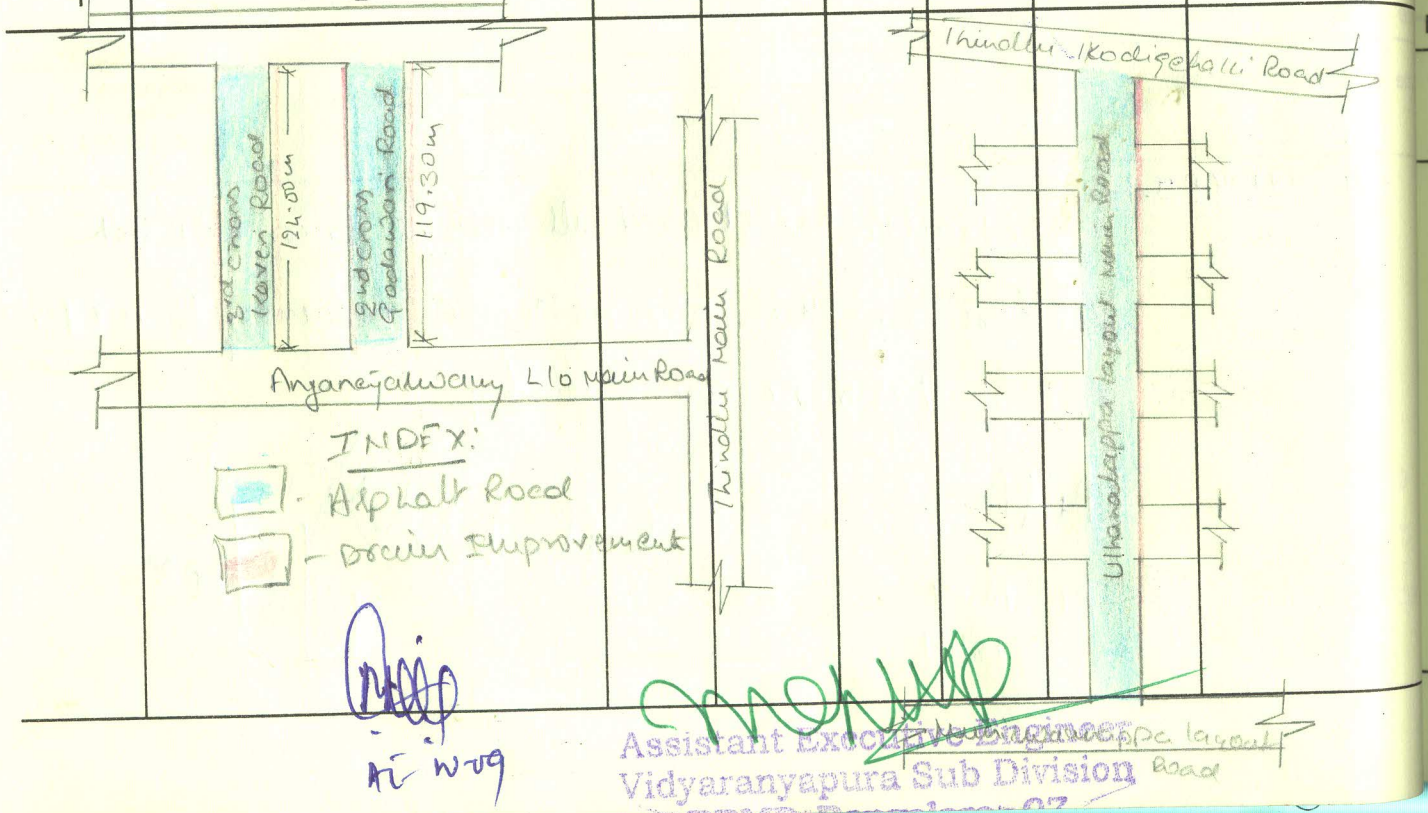
Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	CERTIFICATE:- * Contractor has cleared all debries from work spot. * There is no due from contractor pertaining to above work * work has done satisfactorily AE N-09 18/02/20						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P.1
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 8824
ಇದರಲ್ಲಿ ರೂ. 1291
ಮಾಡಿಕೊಂಡು ರೂ. 8195

FT/NEFT/RTGS ಮುಖಾಂತರ

ವಿಷಯ ನಿರ್ವಾಹಕರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

OK

Depth 6	Contents 7	Reference to last Measurement 8
Thindlu - Kodigehalli Road		
Ulsoor Lake Main Road		
Sub Division		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 494848

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P.1771-2019-20ರಡಿ ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 8324397=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ. ಇದರಲ್ಲಿ ರೂ. 129177=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 8195220=00 ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ವಿಷಯ ನಿರ್ವಾಹಕರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು					2968212=00 256185=00 8324397=00 IT. - 83244=00 S.C - 83244=00 CGST 29682=00 SGST - 29682=00 Total ded = 129177=00 B. Amt = 8195220=00	